

Figure 1

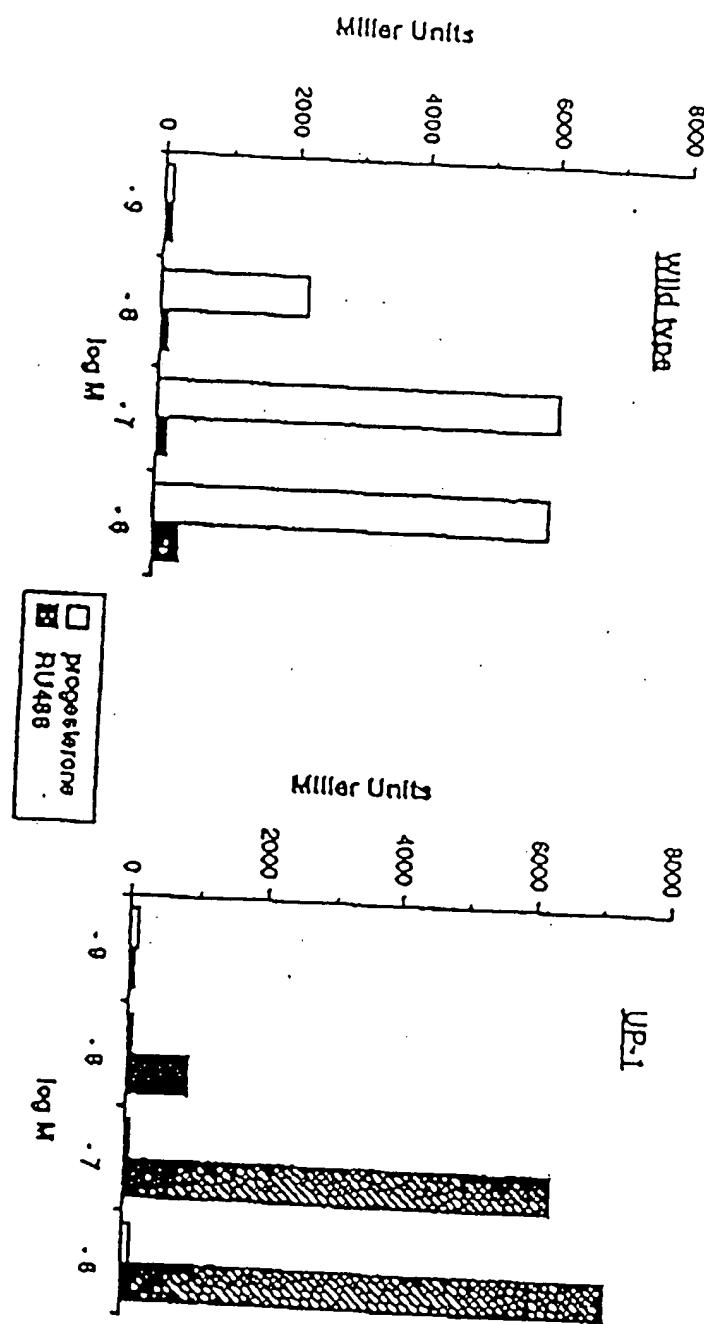


Figure 2A

B

DNA sequence: 1

WT 2636
AAC TTG CAT GAT CTT GTC AAA CAA CTT CAT CTG TAC TGC TTG.

UP-1. AAT TGC ATG ATC ATC TTG TCA AAC AAC TTC ATC ATC TGT ACT GCT TGA

Protein sequence:

WT 879
Asn Leu His Asp Leu Val Lys Gln Leu His Leu Tyr Cys Leu.. 891

UP-1. Asn Cys Met Ile Leu Ser Asn Asn Phe Ile Cys Thr Ala

wild type	DNA	hormone	933
UP-1			891

Figure 2B

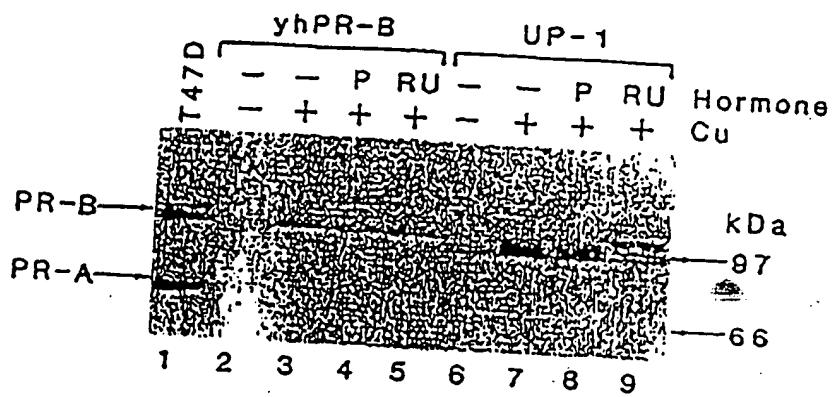


Figure 3

hPR Constructs	Transcriptional Activity				Specific Binding	
	<u>Molar Units</u>		<u>(nM)</u>		P	RU
YEPbPR-B (933)	86	6200	586	1.0	1.3	
UP-1	286	466	8050	0.02	1.6	
YEPbPR-B879	166	242	5900	0.04	1.8	
YEPbPR-B891	243	226	6175	0.03	1.6	

Figure 4

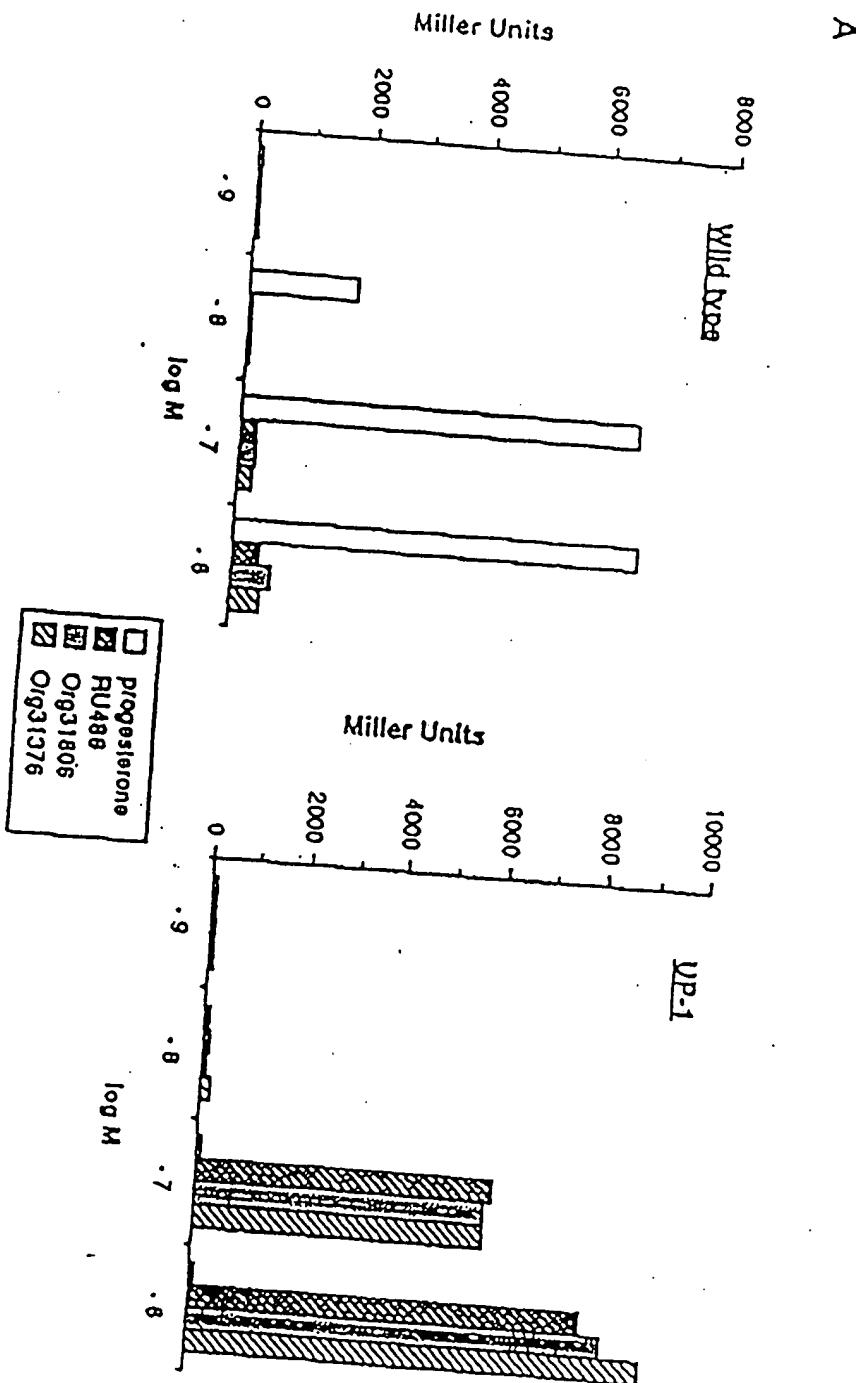


Figure 5A

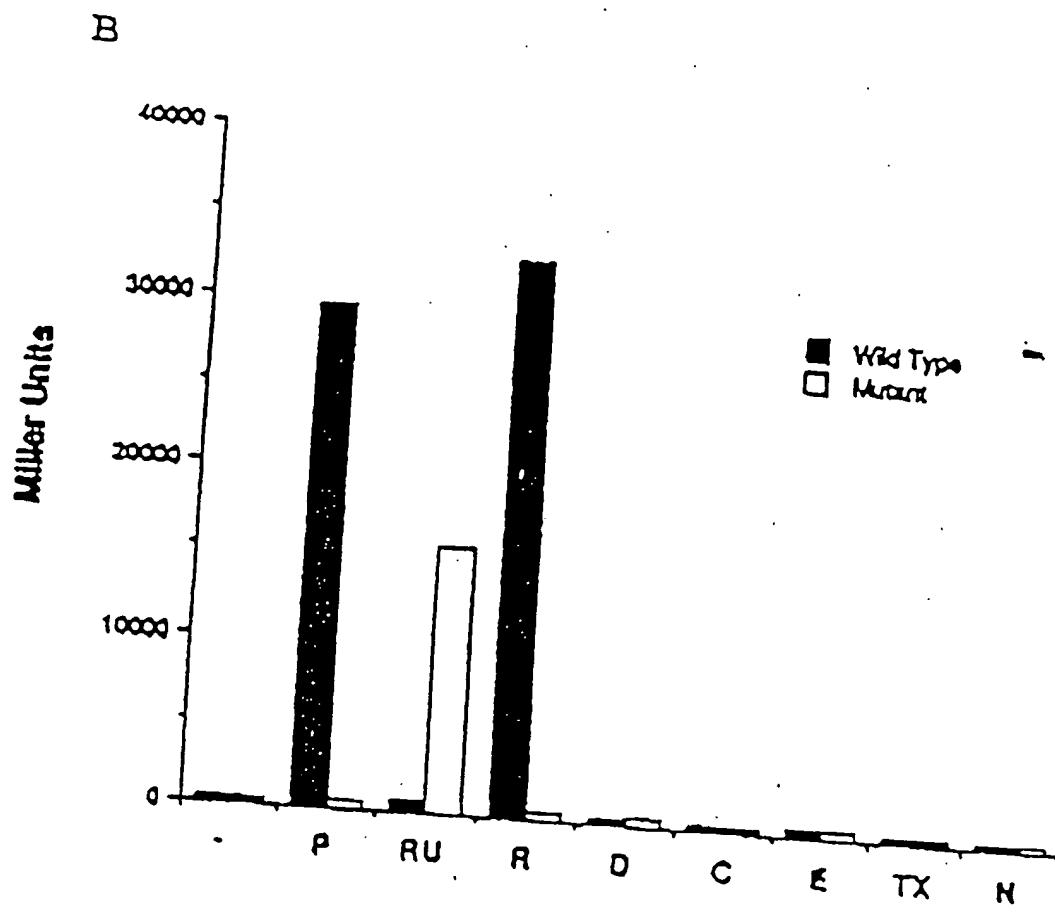


Figure 5B

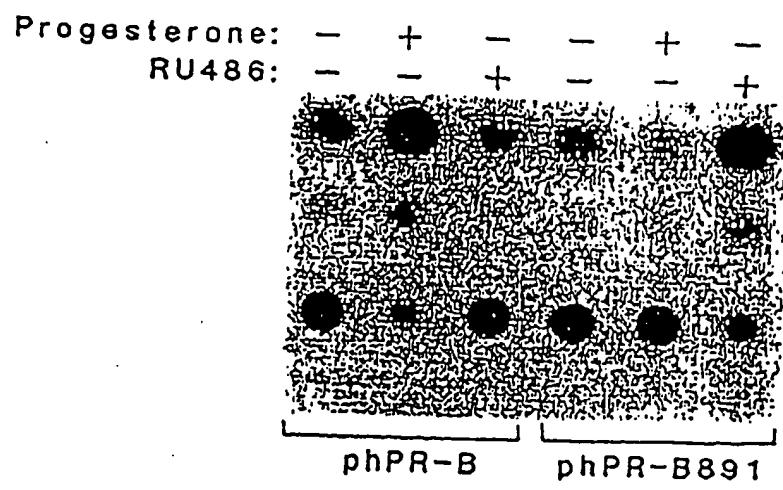


Figure 6A

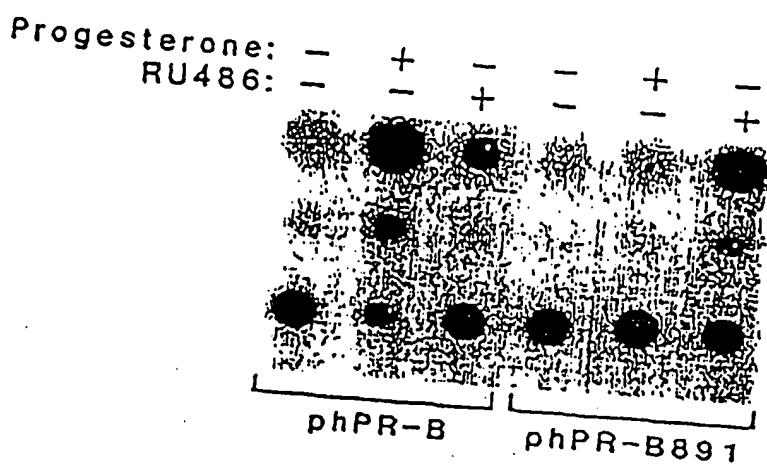


Figure 6B

GR PR Fusion Constr

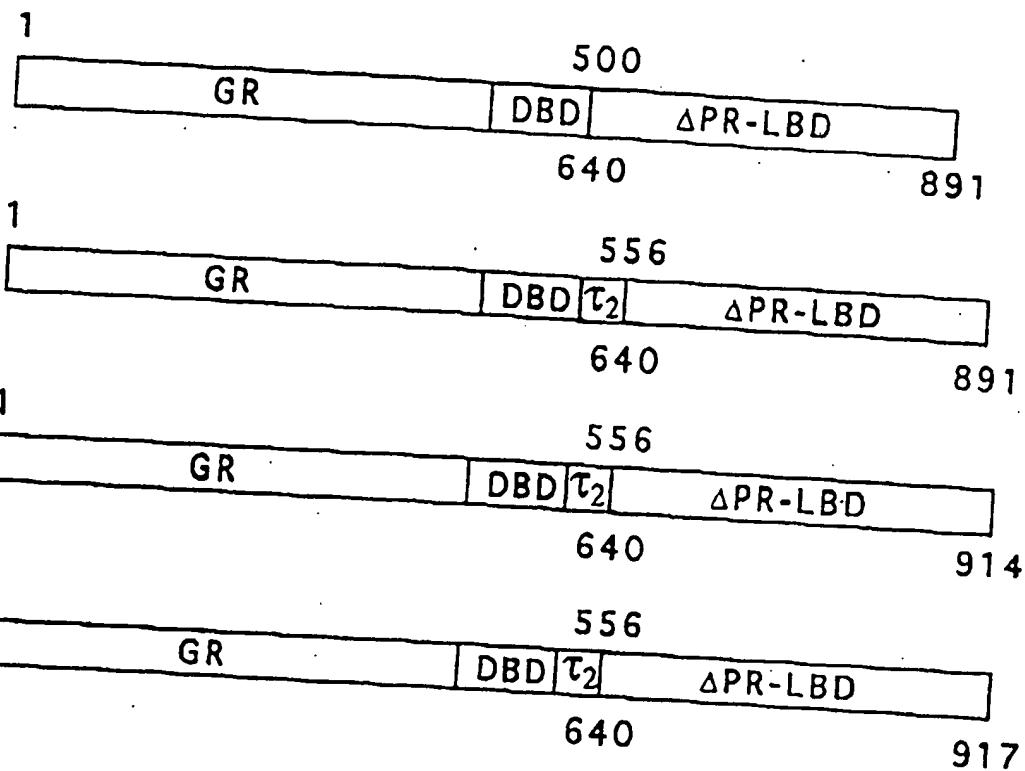
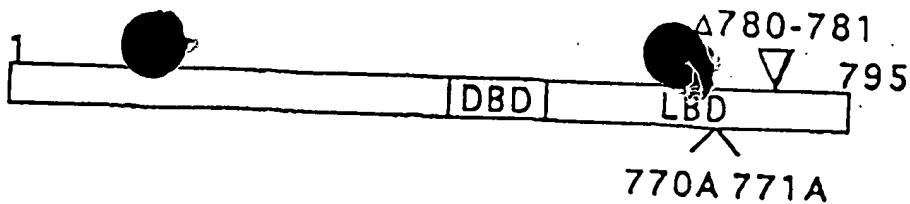


Figure 7



HUMAN GR MUTANTS

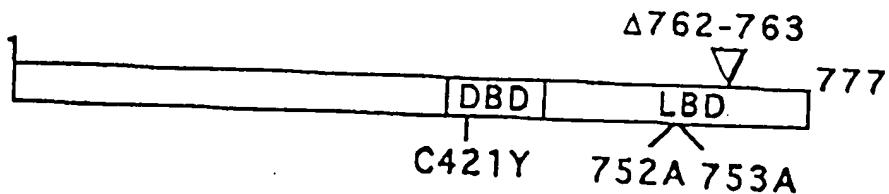
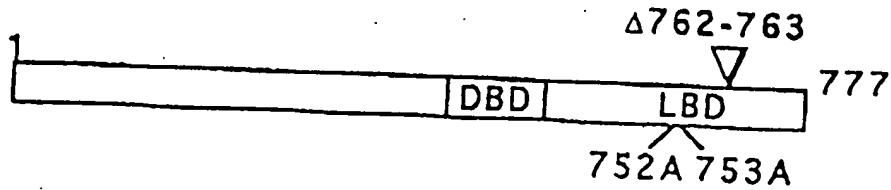


Figure 8

FIGURE 9

ORIGIN

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121 aagtttcag ggtgttgtt agaatggaa gatgtccctt gtatcaccat ggaccctcat
181 gataattttg tttctttcac ttttactct gttgacaacc attgtctcctt cttatatttgc
241 tttcattttc tgtaactttt tcgtttaact tttagcttgc ttgttaacgaa atttttaat
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57

6/78

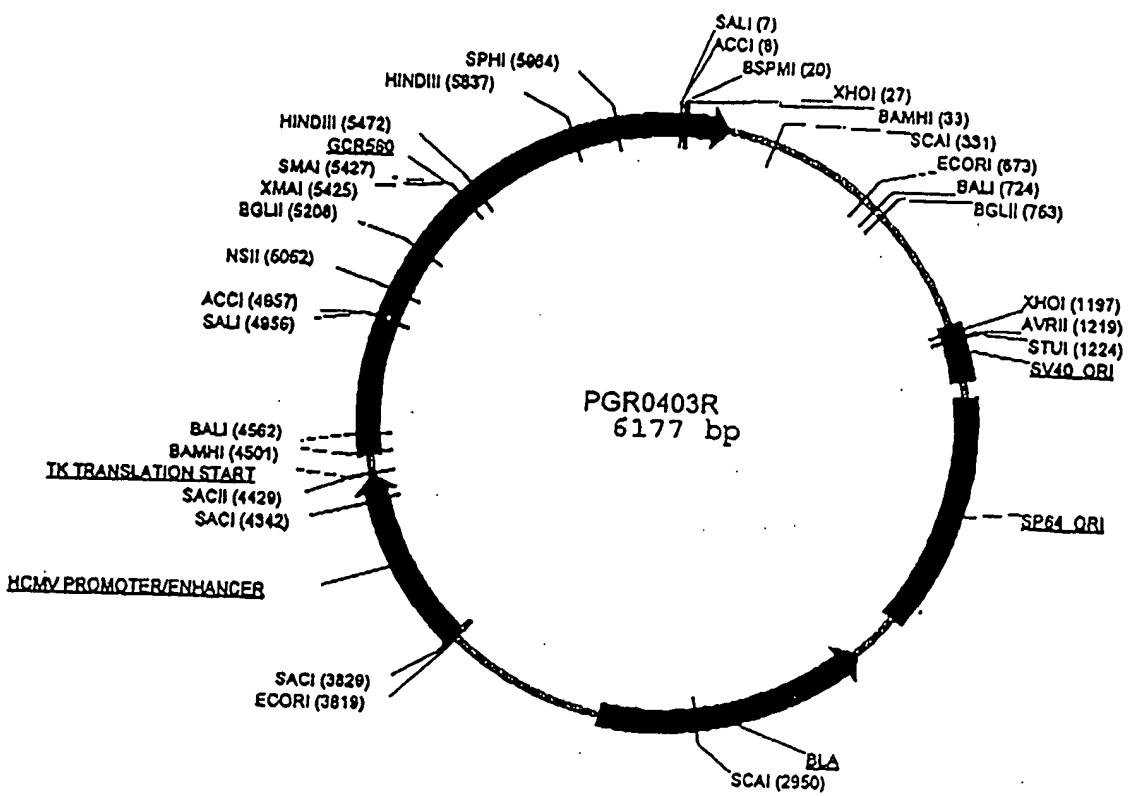


Figure 10

Receptor	treatment	pg CAT protein induced	Normalized to control
wild-type hGR	control	0.4	1
	DEX	64.4	161
	RU	1.4	3.5
GRPR fusion	control	0.9	1
	DEX	0.6	0.7
	RU	5.4	6
wild-type rat GR	control	2.2	1
	DEX	26.4	12
	RU	6.3	2.9
CS1.CD	control	2.2	1
	DEX	1.8	0.8
	RU	29.6	13.5

Figure 11

Glucocorticomimetic Receptor

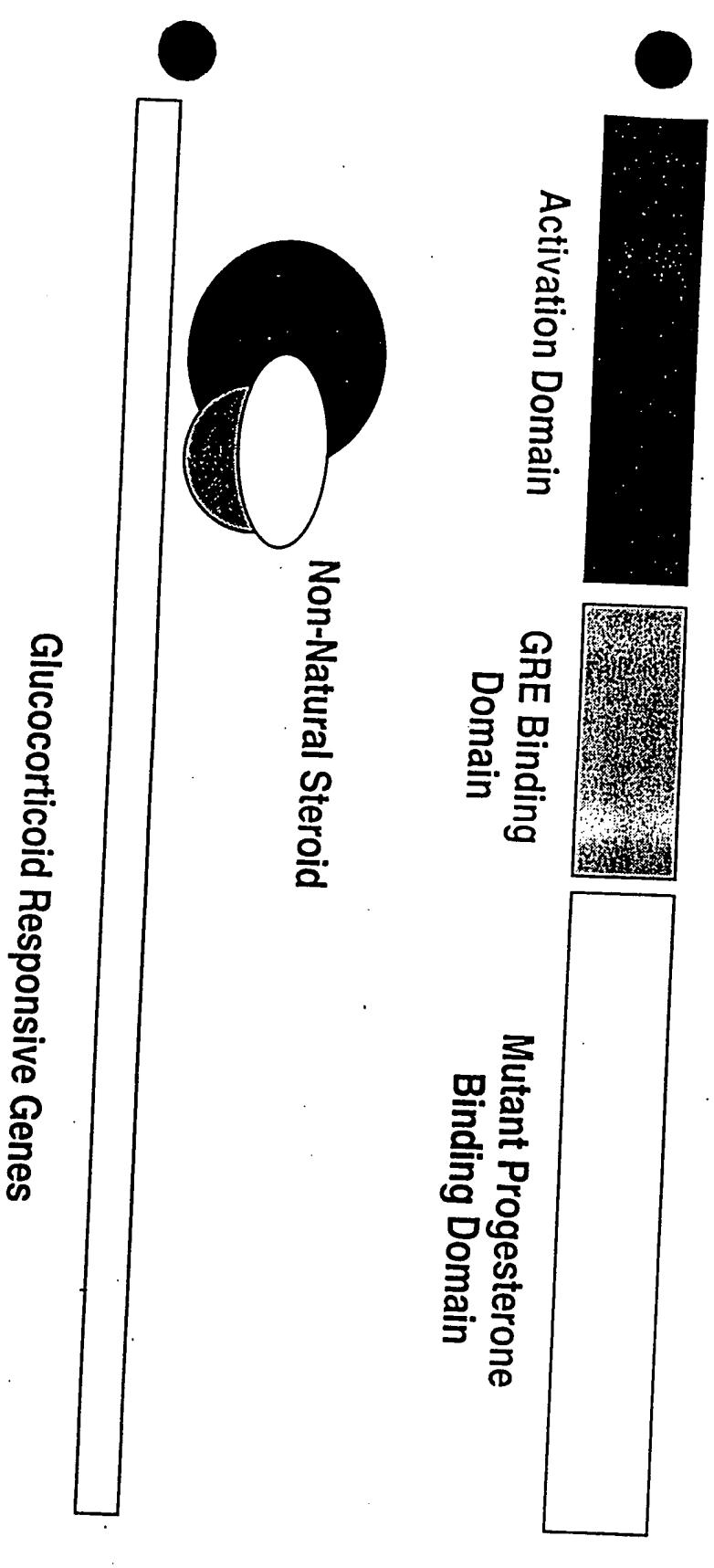


Figure 12

Gene Switch

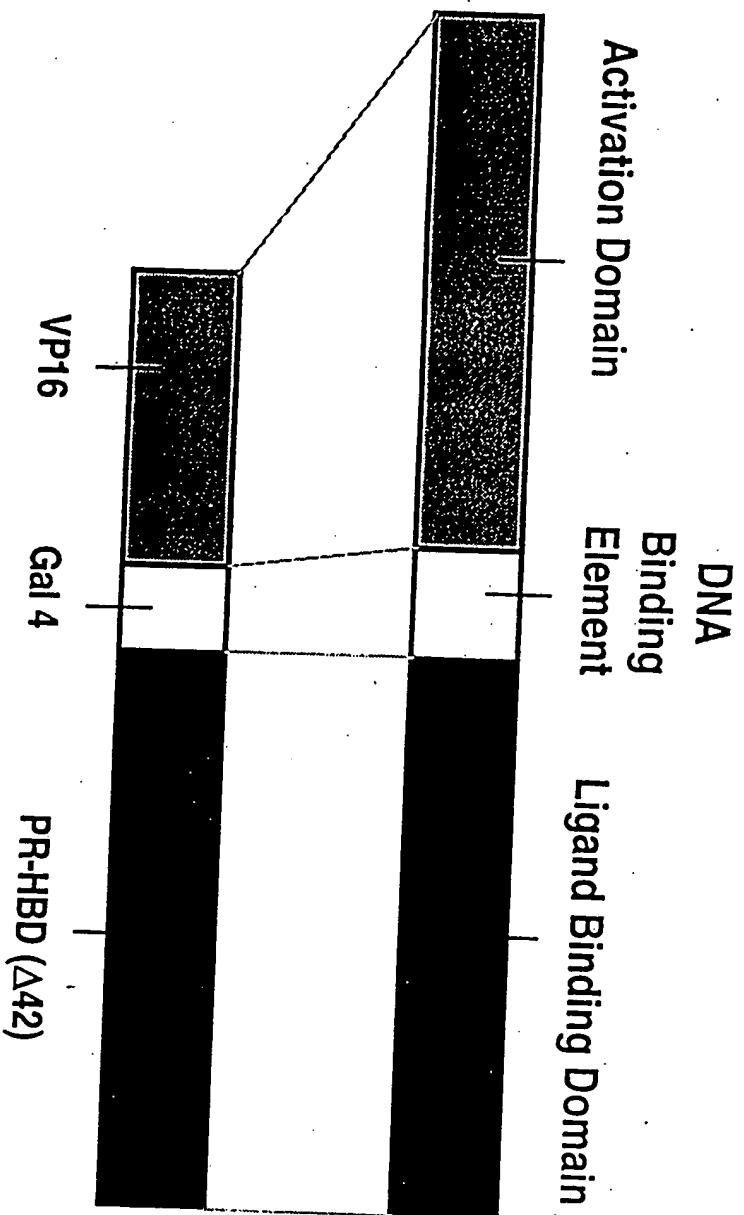


Figure 13

FIG. 14

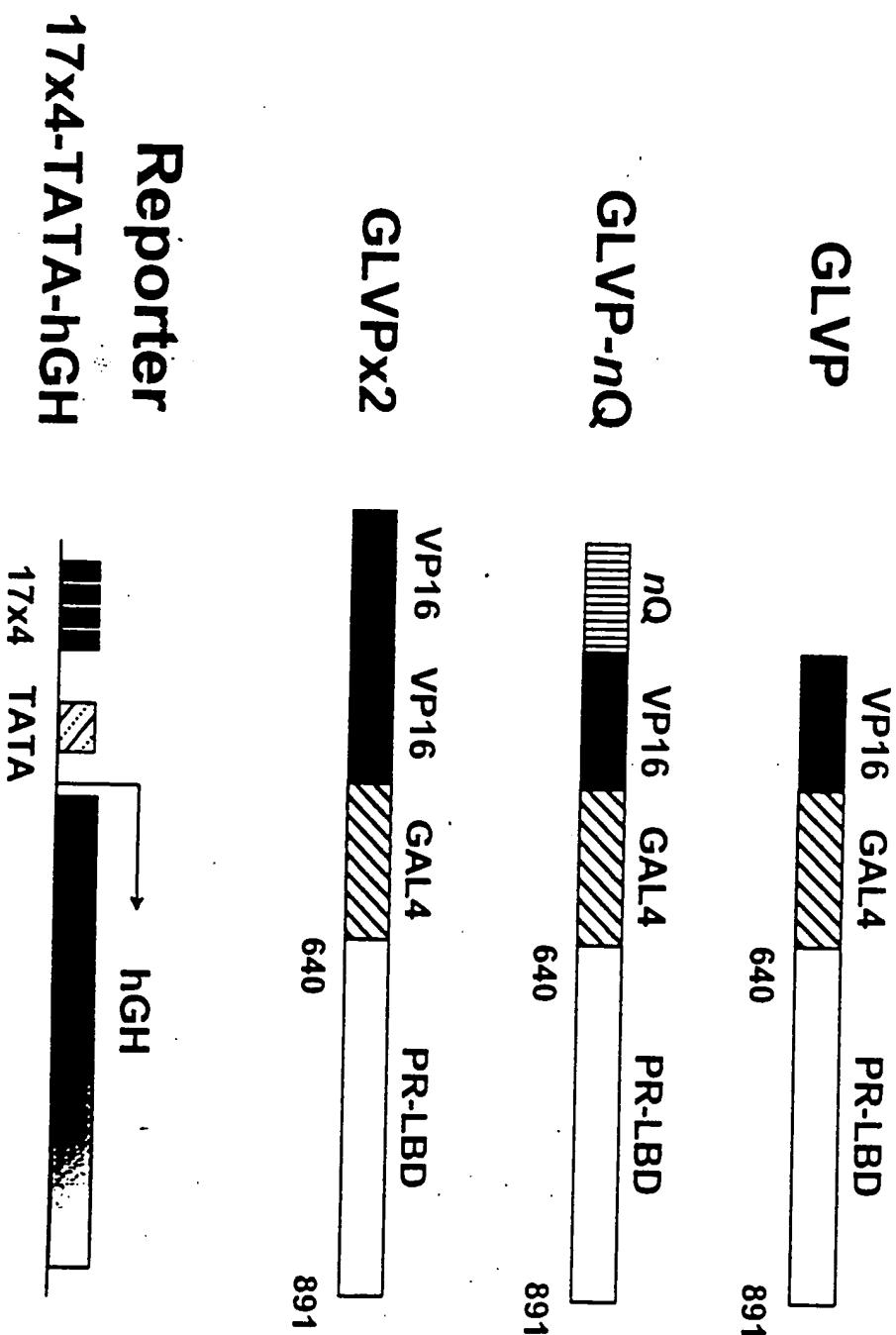


FIG. 15

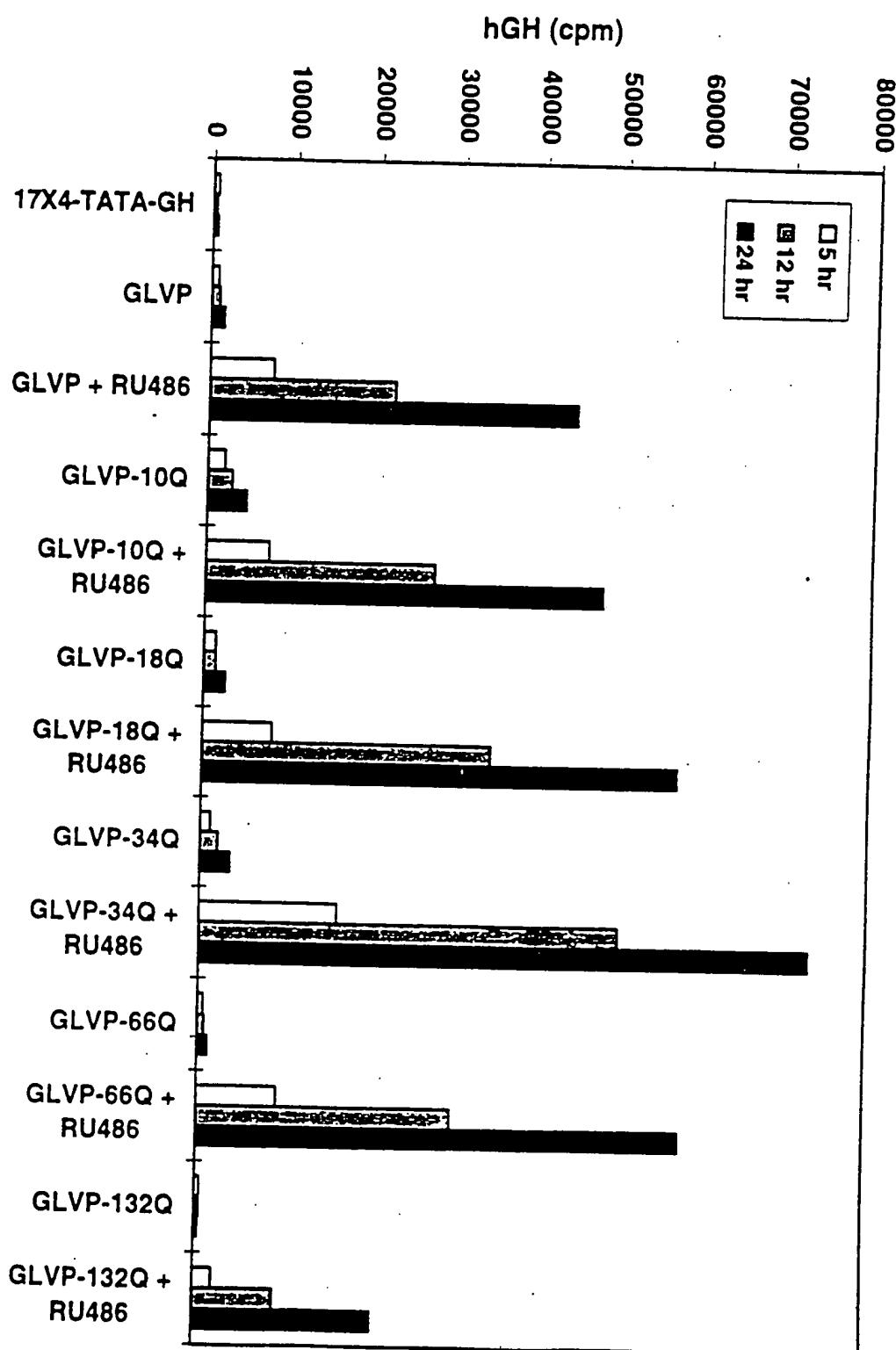


FIG. 16

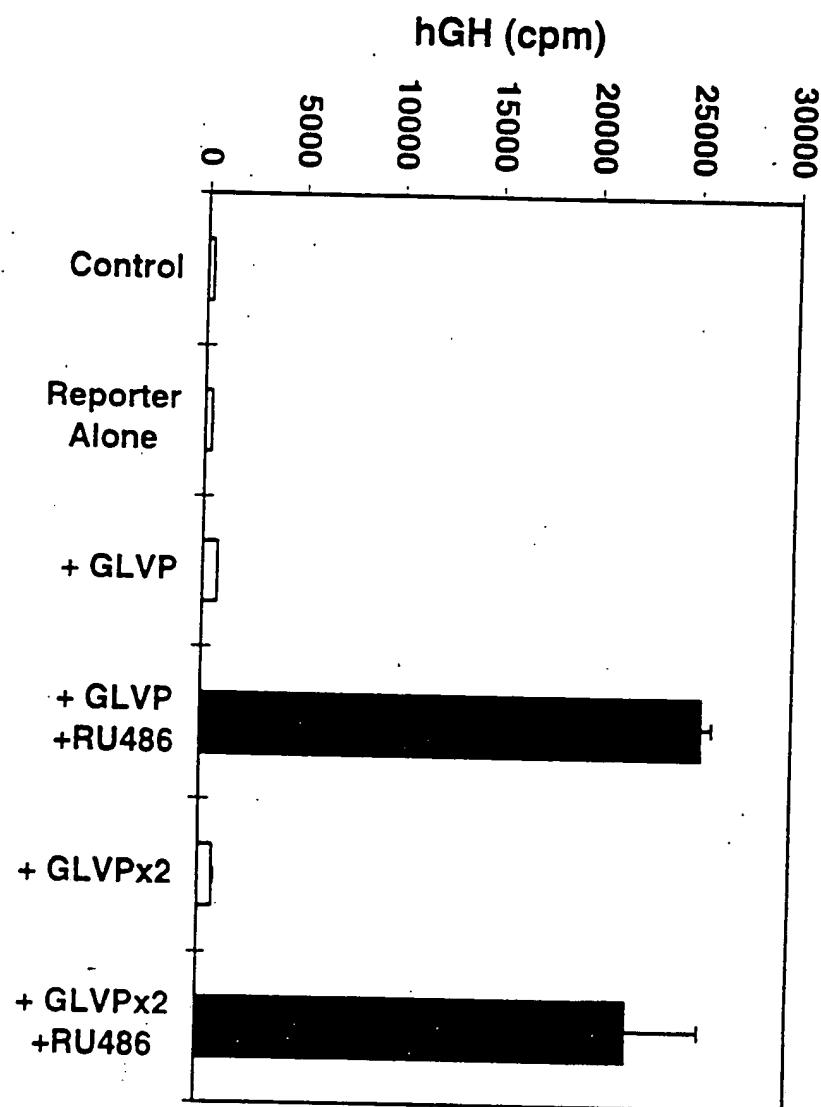


FIG. 17

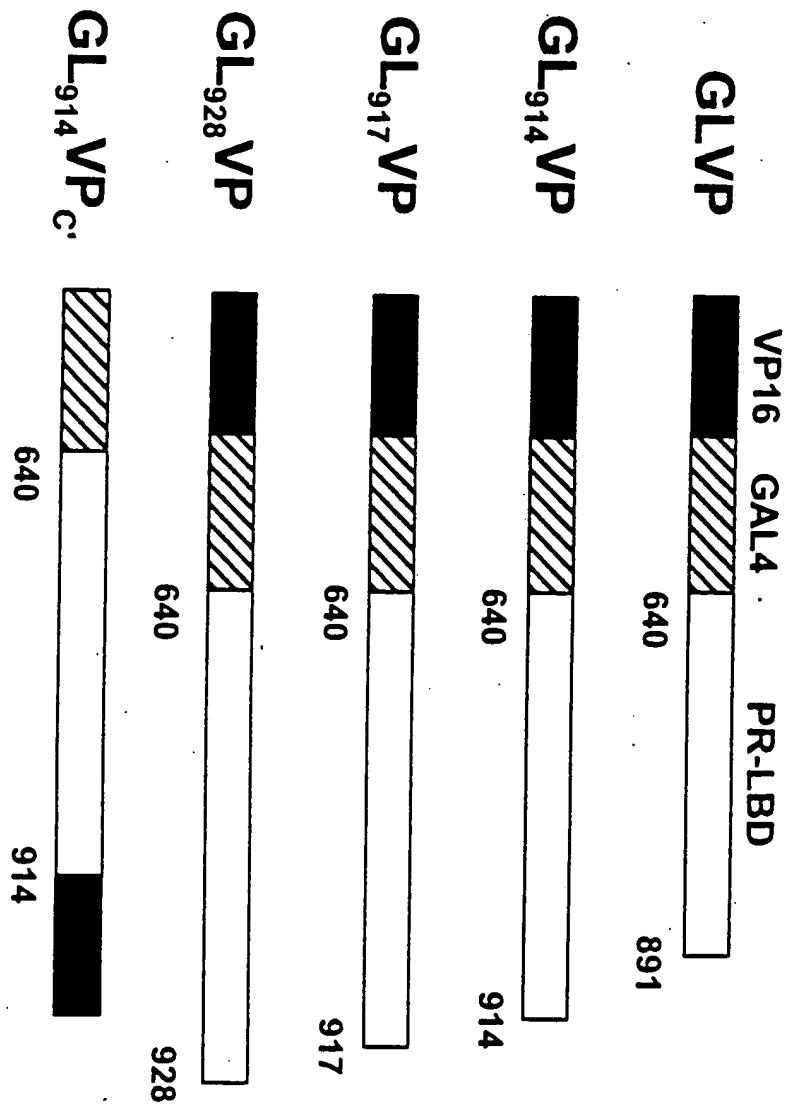


FIG. 18

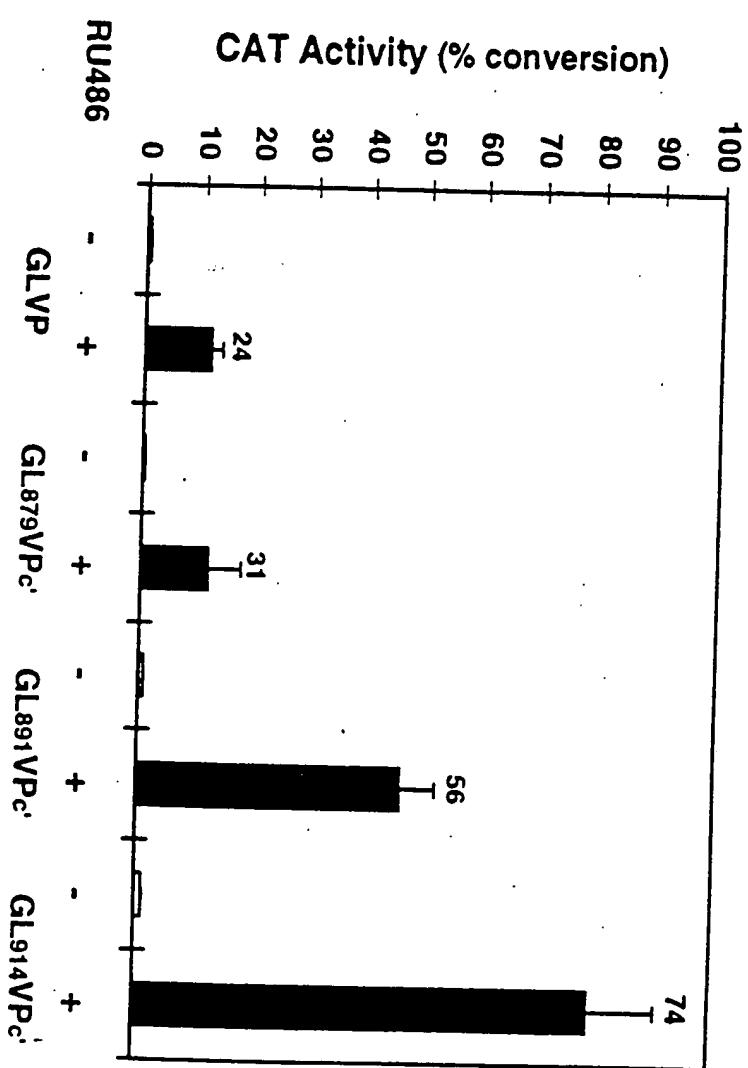


FIG. 19

Inducible Repressor

KRAB GAL4 PR-LBD(Δ C19)

640

914

GL₉₁₄ KRAB

640

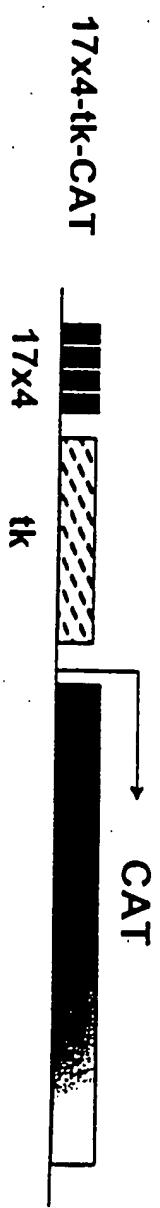
914

Reporter

17x5-SV-CAT



17x5 SV enh TATA



17x4 tk